



PTO/SB/21 (02-04)

Approved for use through 07/31/2006. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|----------------------|--------------------------|---------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | Application Number | 09/769,136 | |
| | Filing Date | 1/25/2001 | |
| | First Named Inventor | Spencer A. Rathus et al. | |
| | Art Unit | 2876 | |
| | Examiner Name | Le, Thien Minh | |
| Total Number of Pages in This Submission | 9 | Attorney Docket Number | 660-016 |

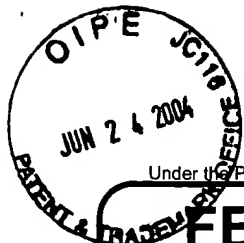
| ENCLOSURES (Check all that apply) | | |
|---|--|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance communication to Technology Center (TC) |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | |
| <input checked="" type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) _____ | Return Receipt Postcard |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | Remarks | |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | Ward & Olivo 382 Springfield Ave. Summit, NJ 07901 |
| Signature | <i>Tobias M. Olivo, Jr.</i> |
| Date | 6/18/04 |

| CERTIFICATE OF TRANSMISSION/MAILING | |
|---|-----------------------|
| I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. | |
| Typed or printed name | Edward P. Bakos, Esq. |
| Signature | <i>[Signature]</i> |
| Date | 6/18/04 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180.00

Complete if Known

| | |
|----------------------|-------------------|
| Application Number | 09/769,136 |
| Filing Date | 01/25/2001 |
| First Named Inventor | Spencer A. Rathus |
| Examiner Name | Le, Thien Minh |
| Art Unit | 2876 |
| Attorney Docket No. | 660-016 |

METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number 23 - 0420

Deposit Account Name WARD & OLIVO

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge any additional fee(s) or any underpayment of fee(s)

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|------------------------|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 770 | 2001 | 385 | Utility filing fee | |
| 1002 | 340 | 2002 | 170 | Design filing fee | |
| 1003 | 530 | 2003 | 265 | Plant filing fee | |
| 1004 | 770 | 2004 | 385 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 0

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | | | | | | |
|--------------------|--|---------|--|---|--|---|--|
| Total Claims | | -20** = | | X | | = | |
| Independent Claims | | -3** = | | X | | = | |
| Multiple Dependent | | | | | | = | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 86 | 2201 | 43 | Independent claims in excess of 3 | |
| 1203 | 290 | 2203 | 145 | Multiple dependent claim, if not paid | |
| 1204 | 86 | 2204 | 43 | ** Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | |

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 420 | 2252 | 210 | Extension for reply within second month | |
| 1253 | 950 | 2253 | 475 | Extension for reply within third month | |
| 1254 | 1,480 | 2254 | 740 | Extension for reply within fourth month | |
| 1255 | 2,010 | 2255 | 1,005 | Extension for reply within fifth month | |
| 1401 | 330 | 2401 | 165 | Notice of Appeal | |
| 1402 | 330 | 2402 | 165 | Filing a brief in support of an appeal | |
| 1403 | 290 | 2403 | 145 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,330 | 2453 | 665 | Petition to revive - unintentional | |
| 1501 | 1,330 | 2501 | 665 | Utility issue fee (or reissue) | |
| 1502 | 480 | 2502 | 240 | Design issue fee | |
| 1503 | 640 | 2503 | 320 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17(q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | 180.00 |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 770 | 2809 | 385 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 770 | 2810 | 385 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 770 | 2801 | 385 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 180.00

SUBMITTED BY

(Complete if applicable)

| | | | | | |
|-------------------|--------------------|-----------------------------------|-----------|-----------|--------------|
| Name (Print/Type) | John W. Oliva, Jr. | Registration No. (Attorney/Agent) | 35,634 | Telephone | 908.277.3333 |
| Signature | | Date | 6/10/2004 | | |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.
SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

2876



PATENT
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Spencer A. Rathus, et al.

Group Art Unit: 2876

Atty. Doc.: 660-023

Examiner: Le, Thien Minh

For: Method and Apparatus for
Accessing Electronic Data
Via a Familiar Printed Medium

Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

TRANSMITTAL

S I R:

Submitted herewith is:

1. A communication regarding App. Ser. No. 09/365,961 with Return Receipt Postcard;
2. A communication regarding App. Ser. No. 09/769,136 with Return Receipt Postcard;
3. A communication regarding App. Ser. No. 09/769,137 with Return Receipt Postcard;
4. A communication regarding App. Ser. No. 09/769,144 with Return Receipt Postcard;
5. A communication regarding App. Ser. No. 09/769,146 with Return Receipt Postcard;
6. A communication regarding App. Ser. No. 09/769,139 with Return Receipt Postcard;
7. A communication regarding App. Ser. No. 09/769,138 with Return Receipt Postcard;
8. A communication regarding App. Ser. No. 09/769,143 with Return Receipt Postcard;
9. A communication regarding App. Ser. No. 09/769,141 with Return Receipt Postcard;
10. A communication regarding App. Ser. No. 09/769,147 with Return Receipt Postcard; and
11. A communication regarding App. Ser. No. 09/747,295 with Return Receipt Postcard.

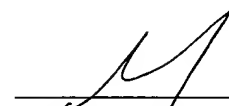
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Respectfully Submitted,

Date:

6/18/2004



John W. Olivo, Jr.
Reg. No. 35,634
Ward & Olivo
382 Springfield Avenue
Summit, New Jersey 07901
(908) 277-3333



2876.4
Ifu
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Spencer A. Rathus et al.

Serial No.: 09/769,136 Group Art Unit: 2876

Filed: January 25, 2001 Examiner: Le, Thien Minh

For: METHOD AND APPARATUS FOR Atty Doc. No. 660-016
ACCESSING ELECTRONIC DATA
VIA A FAMILIAR PRINTED MEDIUM

Honorable Commissioner for Patents
P.O. Box 1430
Alexandria, VA 22313-1430

LETTER

SIR:


Please be advised of the following related co-pending applications:

| Attorney Docket Number | Examiner | Serial Number |
|------------------------|------------------|---------------|
| 660-015 | Kim, Ahshik | 09/769,134 |
| 660-016 | Le, Thien Minh | 09/769,136 |
| 660-017 | Le, Thien Minh | 09/769,137 |
| 660-018 | Le, Thien Minh | 09/769,144 |
| 660-019 | Le, Thien Minh | 09/769,146 |
| 660-020 | Le, Thien Minh | 09/769,139 |
| 660-021 | Le, Thien Minh | 09/769,138 |
| 660-022 | Kim, Ahshik | 09/769,140 |
| 660-023 | Le, Uyen-Chau N. | 09/769,142 |
| 660-025 | Le, Thien Minh | 09/769,143 |
| 660-026 | Le, Thien Minh | 09/769,141 |
| 660-027 | Kim, Ahshik | 09/769,149 |
| 660-028 | Kim, Ahshik | 09/769,148 |
| 660-029 | Le, Thien Minh | 09/769,147 |
| 660-030 | Le, Thien Minh | 09/747,295 |
| 660-031 | Kim, Ahshik | 09/769,134 |

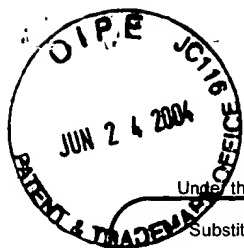
Please feel free to contact the undersigned attorney with any questions.

Respectfully submitted,

Date: June 17, 2004



John W. Olivo, Jr.
Reg. No. 35,634
WARD & OLIVO
382 Springfield Avenue
Suite 300
Summit, NJ 07901
(908) 277-3333



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 09/769,136 |
| Filing Date | 1/25/2001 |
| First Named Inventor | Spencer A. Rathus |
| Art Unit | 2876 |
| Examiner Name | Le, Thien Minh |
| Attorney Docket Number | 660-016 |

Sheet 1 of 5

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|--------------------|-----------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | 1 | US- 3,705,384 | 12-05-1972 | Wahlberg | |
| | 2 | US- 3,735,350 | 05-22-1973 | Lemelson | |
| | 3 | US- 3,976,995 | 08-24-1976 | Sebestyen | |
| | 4 | US- 4,117,542 | 09-26-1978 | Klausner et al. | |
| | 5 | US- 4,283,621 | 08-11-1981 | Pembroke | |
| | 6 | US- 4,601,573 | 07-22-1986 | Utsugi | |
| | 7 | US- 4,659,213 | 04-21-1987 | Matsumoto | |
| | 8 | US- 4,711,994 | 12-08-1987 | Greenberg | |
| | 9 | US- 4,723,212 | 02-02-1988 | Mindrum et al. | |
| | 10 | US- 4,793,813 | 12-27-1998 | Bitzer et al. | |
| | 11 | US- 4,812,879 | 03-14-1989 | Suzuki | |
| | 12 | US- 4,820,167 | 04-11-1989 | Nobles et al. | |
| | 13 | US- 4,839,507 | 06-13-1989 | May | |
| | 14 | US- 4,897,865 | 01-30-1990 | Canuel | |
| | 15 | US- 4,910,672 | 03-20-1990 | Off et al. | |
| | 16 | US- 4,984,155 | 01-08-1991 | Geier et al. | |
| | 17 | US- 5,002,491 | 03-26-1991 | Abrahamson et al. | |
| | 18 | US- 5,021,984 | 06-04-1991 | Meade et al. | |
| | 19 | US- 5,027,196 | 06-25-1991 | Ono et al. | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ Number ⁴ Kind Code ⁵ (if known) | | | | |
| | 20 | DE 2452202 A1 | 11-20-1975 | Waterbury | | |
| | 21 | JP 60-46,684 | 03-13-1985 | Masaaki et al. | | |
| | 22 | JP 62-98,334 | 05-07-1987 | Yoshitomo, Abe | | |
| | 23 | EP 357899 A | 03-14-1990 | Schulz | | |
| | 24 | GB 2 232 119 A | 12-05-1990 | Webster et al. | | |
| | 25 | JP 02103025 A | 04-16-1990 | Hirata, Hideyuk | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

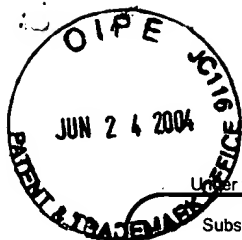
This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

06/28/2004 WABRHM1 00000080 09769136

01 FC:1806

180.00 OP



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 5**Complete if Known**

| | |
|------------------------|-------------------|
| Application Number | 09/769,136 |
| Filing Date | 1/25/2001 |
| First Named Inventor | Spencer A. Rathus |
| Art Unit | 2876 |
| Examiner Name | Le, Thien Minh |
| Attorney Docket Number | 660-016 |

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear. |
|--------------------|-----------------------|--|--------------------------------|--|--|
| | | Number-Kind Code ² (if known) | | | |
| | 26 | US- 5,031,098 | 07-09-1991 | Miller et al. | |
| | 27 | US- 5,111,196 | 05-05-1992 | Hunt, Peter F. | |
| | 28 | US- 5,119,188 | 06-02-1992 | McCalley et al. | |
| | 29 | US- 5,158,310 | 10-27-1992 | Tannehill et al. | |
| | 30 | US- 5,168,303 | 12-01-1992 | Ikenoue et al. | |
| | 31 | US- 5,173,851 | 12-22-1992 | Off et al. | |
| | 32 | US- 5,181,062 | 01-19-1993 | Kazumi, Jiro | |
| | 33 | US- 5,204,813 | 04-20-1993 | Samph et al. | |
| | 34 | US- 5,222,624 | 06-29-1993 | Burr | |
| | 35 | US- 5,235,509 | 08-10-1993 | Mueller et al. | |
| | 36 | US- 5,262,860 | 11-16-1993 | Fitzpatrick et al. | |
| | 37 | US- 5,287,181 | 02-15-1994 | Holman | |
| | 38 | US- 5,287,266 | 02-15-1994 | Malec et al. | |
| | 39 | US- 5,288,977 | 02-22-1994 | Amendolia et al. | |
| | 40 | US- 5,295,064 | 03-15-1994 | Malec et al. | |
| | 41 | US- 5,295,836 | 03-22-1994 | Ryu et al. | |
| | 42 | US- 5,302,990 | 04-12-1994 | Satoh et al. | |
| | 43 | US- 5,310,349 | 05-10-1994 | Daniels et al. | |
| | 44 | US- 5,353,219 | 10-04-1994 | Mueller et al. | |

FOREIGN PATENT DOCUMENTS

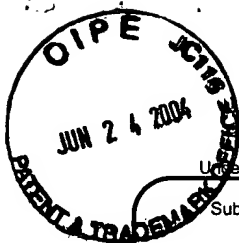
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|--------------------|-----------------------|---|--------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | 45 | JP 02127792 A | 05-16-1990 | Oki, Shinji | | |
| | 46 | JP 03151263 A | 06-27-1991 | Osawa | | |
| | 47 | JP 03174693 A | 07-29-1991 | Ashida et al. | | |
| | 48 | JP 04-023,183 | 01-27-1992 | Masahide | | |
| | 49 | JP 06110913 A | 04-22-1994 | Watanabe | | |
| | 50 | JP 6-233,159 | 08-19-1994 | Tsutomu | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 3

of 5

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 09/769,136 |
| Filing Date | 1/25/2001 |
| First Named Inventor | Spencer A. Rathus |
| Art Unit | 2876 |
| Examiner Name | Le, Thien Minh |
| Attorney Docket Number | 660-016 |

| U. S. PATENT DOCUMENTS | | | | | |
|------------------------|-----------------------|--|--------------------------------|--|---|
| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| | | Number-Kind Code ² (if known) | | | |
| | 51 | US- 5,368,129 | 11-29-1994 | Von Kohorn | |
| | 52 | US- 5,369,571 | 11-29-1994 | Metts | |
| | 53 | US- 5,385,371 | 01-31-1995 | Izawa | |
| | 54 | US- 5,385,475 | 01-31-1995 | Sudman et al. | |
| | 55 | US- 5,397,156 | 03-14-1995 | Schach et al. | |
| | 56 | US- 5,401,944 | 03-28-1995 | Bravman | |
| | 57 | US- 5,410,642 | 04-25-1995 | Hakamatsuka et al. | |
| | 58 | US- 5,412,191 | 05-02-1995 | Baitz et al. | |
| | 59 | US- 5,451,998 | 09-19-1995 | Hamrick | |
| | 60 | US- 5,452,379 | 09-19-1995 | Poor | |
| | 61 | US- 5,493,355 | 02-20-1996 | Kazami | |
| | 62 | US- 5,500,681 | 03-19-1996 | Jones | |
| | 63 | US- 5,505,494 | 04-09-1996 | Belluci et al. | |
| | 64 | US- 5,506,697 | 04-09-1996 | Li et al. | |
| | 65 | US- 5,551,011 | 08-27-1996 | Danby et al. | |
| | 66 | US- 5,555,496 | 09-10-1996 | Tackbary et al. | |
| | 67 | US- 5,559,714 | 09-24-1996 | Banks et al. | |
| | 68 | US- 5,578,797 | 11-26-1996 | Hewitt et al. | |
| | 69 | US- 5,612,868 | 03-18-1997 | Off et al. | |

| FOREIGN PATENT DOCUMENTS | | | | | | |
|--------------------------|-----------------------|---|--------------------------------|---|---|----------------|
| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | 70 | JP 07056941 A | 03-03-1995 | Tanaka et al. | | |
| | 71 | JP 7-64,169 | 03-10-1995 | Masaru, Mase | | |
| | 72 | JP 11-355,699 | 06-05-1998 | Yukihiro, Sai | | |
| | 73 | JP 10269326 A | 10-09-1998 | Nakamura et al | | |
| | 74 | JP 2001/142971 | 05-25-2001 | Atsushi | | |
| | | | | | | |

| | |
|--------------------|-----------------|
| Examiner Signature | Date Considered |
|--------------------|-----------------|

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Complete if Known

| | |
|------------------------|-------------------|
| Application Number | 09/769,136 |
| Filing Date | 1/25/2001 |
| First Named Inventor | Spencer A. Rathus |
| Art Unit | 2876 |
| Examiner Name | Le, Thien Minh |
| Attorney Docket Number | 660-016 |

Sheet 4 of 5

U. S. PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Document Number | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| | | Number-Kind Code ² (if known) | | | |
| | 75 | US- 5,615,123 | 03-25-1997 | Davidson et al. | |
| | 76 | US- 5,644,408 | 07-01-1997 | Li et al. | |
| | 77 | US- 5,751,590 | 05-12-1998 | Cannon et al. | |
| | 78 | US- 5,801,944 | 09-01-1998 | Kara | |
| | 79 | US- 5,870,030 | 09-11-7627 | Deluca et al. | |
| | 80 | US- 5,872,589 | 02-16-1999 | Morales | |
| | 81 | US- 5,948,040 | 09-07-1999 | DeLorme et al. | |
| | 82 | US- 5,978,013 | 11-02-1999 | Jones et al. | |
| | 83 | US- 5,978,648 | 11-02-1999 | George et al. | |
| | 84 | US- 5,995,105 | 11-30-1999 | Reber et al. | |
| | 85 | US- 6,002,491 | 12-14-1999 | Li et al. | |
| | 86 | US- 6,064,832 | 05-16-2000 | Sato et al. | |
| | 87 | US- 6,072,186 | 06-06-2000 | Yokonuma et al. | |
| | 88 | US- 6,085,976 | 07-11-2000 | Sehr | |
| | 89 | US- 6,095,418 | 08-01-2000 | Swartz et al. | |
| | 90 | US- 6,149,441 | 11-21-2000 | Pellegrino et al. | |
| | 91 | US- 6,269,342 | 07-31-2001 | Brick et al. | |
| | 92 | US- 6,270,351 | 08-07-2001 | Roper | |
| | 93 | US- 6,311,214 | 10-30-2001 | Rhoads | |

FOREIGN PATENT DOCUMENTS

| Examiner Initials* | Cite No. ¹ | Foreign Patent Document | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear | T ⁶ |
|-----------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| | | Country Code ³ -Number ⁴ -Kind Code ⁵ (if known) | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Examiner
SignatureDate
Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

